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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit	: 1644	Customer No.: 35811
Examiner	: Ronald B. Schwadron	
Serial No.	: 09/155,514	
Filed	: November 17, 1998	
Inventors	: Mie Kainoh	Docket No.: 1102-98
	: Toshiaki Tanaka	
Title	: CHIMERIC PROTEINS, THEIR	Confirmation No.: 8751
	: HETERODIMER COMPLEXES, AND	
	: PLATELET SUBSTITUTES	Date: June 25, 2004

**Mail Stop Amendment**  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

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Name of Applicant, Assignee, Applicant's Attorney  
or Registered Representative:

Piper Rudnick LLP  
Customer No. 035811

By: \_\_\_\_\_ 

Date: \_\_\_\_\_ 25 Jun 2004



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**RESPONSE**

**Mail Stop Amendment**  
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P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is submitted in response to the Official Action dated May 26, 2004.

The Applicants acknowledge the requirement for election of species between a claimed chimeric protein that is an  $\alpha 4\beta 1$  integrin or a  $\alpha 2\beta 4$  integrin.

The Applicants note that the Amendment filed on March 2, 2004 and received in the Patent Office on March 4, 2004 specifies that the  $\alpha$  chain of the integrin is  $\alpha 4$  or  $\alpha 2$  and the  $\beta$  chain is  $\beta 1$ . Thus, the Applicants respectfully submit that the  $\alpha 2\beta 4$  integrin referred to in the requirement for election of species is not, in fact, present in the claims as presently on the record. In that regard, the Applicants enclose a convenience copy of the claims as currently on the record. Clarification is accordingly respectfully requested.

In the event that the requirement for election of species intended to require a selection among  $\alpha 4\beta 1$  and  $\alpha 2\beta 1$ , the Applicants elect  $\alpha 2\beta 1$  integrin, without traverse.

Examination on the merits and prompt allowance of the solicited claims is respectfully requested.

Respectfully submitted,



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